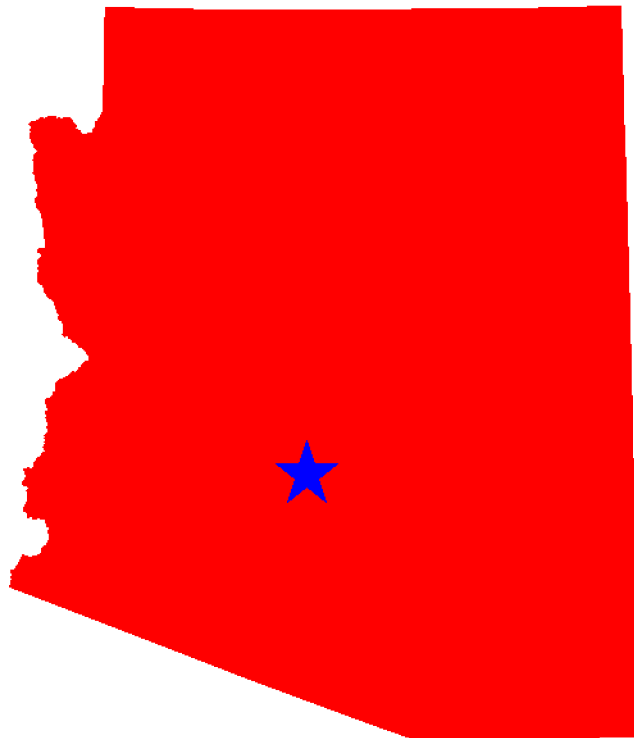


## Traffic Safety Facts, Arizona , 2003



**Traffic Safety Facts, Arizona , 2003**

## Fatality Rates: Arizona , U.S. and Best State, 2003

2003	Fatalities	Fatality Rate per 100M VMT	Fatality Rate per 100K Population
Arizona	1,118	2.07	20.0
US	42,884	1.48	14.7
Best State*		0.83	7.20

\*Best Rates: Lowest Rates Attained Across All States

Fatalities in Motor Vehicle Traffic Crashes  
Vehicle Miles Traveled (VMT) and Population  
1999 - 2003

Crash Year	Total Fatalities	VMT (Millions)	Total Alcohol Related Fatalities (BAC=.01+)		High Alcohol Related Fatalities (BAC=.08+)		*Unrestrained Passenger Vehicle Fatalities	
			Number	Percent	Number	Percent	Number	Percent
1999	1,024	46,924	424	41	371	36	468	66
2000	1,036	49,216	469	45	407	39	488	67
2001	1,051	49,655	487	46	425	40	483	66
2002	1,132	52,013	489	43	428	38	508	63
2003	1,118	53,896	471	42	411	37	475	59

Crash Year	Motorcyclist Fatalities	Speeding Related Fatalities	16-20 Year Old Fatalities	Total Population	16-20 Year Old Population
1999	73	390	123	4,778,332	350,006
2000	90	357	124	5,165,993	372,681
2001	73	388	143	5,295,929	374,459
2002	94	446	139	5,438,159	378,747
2003	109	432	138	5,577,784	384,428

\*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use



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## Traffic Safety Facts, Arizona , 2003

### Trend of Fatalities, 1999 - 2003

		1999	2000	2001	2002	2003
Fatality Counts	Total Fatalities	1,024	1,036	1,051	1,132	1,118
	Alcohol-Related	424	469	487	489	471
	Single Vehicle	550	570	585	649	604
	Non-Junction	645	705	658	748	720
	Intersection	194	180	195	188	190
	Intersection-Related	67	48	73	62	66
	Speeding Involved	390	357	388	446	432
	Pedestrians	143	130	160	154	121
	Pedalcyclists	26	26	28	16	16
	Large Truck Involved	108	105	85	104	119
	Roadway Departure	422	481	453	568	600
	Passenger Car Occupants	389	364	408	455	388
	Light Truck/Van Occupants	320	369	329	346	412
	Other/Unknown Occpants (not including Motorcycles)	69	50	45	64	68
	Total Occupants (not including Motorcycles)	778	783	782	865	868
	Motorcycle Riders	73	90	73	94	109

**Traffic Safety Facts, Arizona , 2003****Economic Impact of Motor Vehicle Traffic Crashes, 2000**

	<b>Overall</b>	<b>In Speeding-Related Crashes</b>
<b>Arizona</b>	\$4.272 Billion	\$0.772 Billion
<b>U.S.A</b>	\$230.568 Billion	\$40.390 Billion

2000 is the Most Recent Year for Which Data is Available

**Available Highway Safety Program Funds**

	<b>FY 2003</b>	<b>FY 2004</b>
<b>Child Passenger Safety Grants 2003b</b>	\$123,371	
<b>Section 154 Open Container</b>	\$0	
<b>Section 157 Safety Belt Use Incentive</b>	\$0	\$0
<b>Section 157 Safety Belt Use Innovative</b>	\$563,470	\$500,000
<b>Section 163 .08 BAC</b>	\$1,620,790	\$1,380,387
<b>Section 163 SES Enforcement</b>		\$106,029
<b>Section 164 Repeat Offender Transfer</b>	\$0	\$0
<b>Section 402 Formula</b>	\$2,543,267	\$2,503,071
<b>Section 405 Occupant Protection</b>	\$0	\$0
<b>Section 410 Impaired Driving</b>	\$620,819	\$590,304
<b>Section 154 Open Container Transfer</b>		\$0
<b>Total</b>	\$5,471,717	\$5,079,791

**Fatalities in Alcohol Related Crashes, 2003**

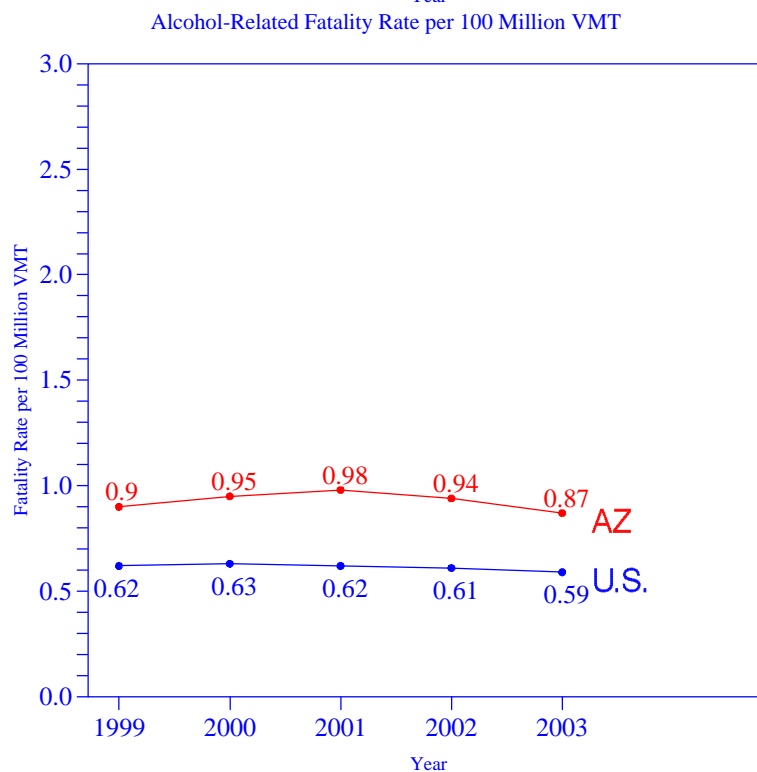
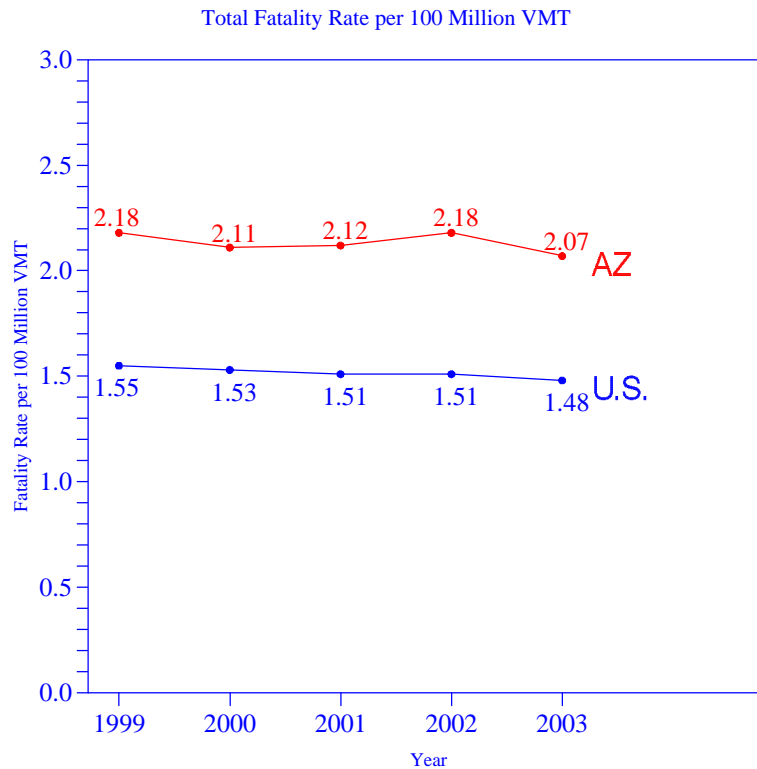
<b>2003</b>	<b>Alcohol-Related (Number)</b>	<b>Alcohol-Related (%)</b>	<b>Rate per 100M VMT</b>	<b>Fatalities where Highest BAC in Crash was .08+</b>	<b>Percentage where Highest BAC in Crash was .08+</b>
<b>Arizona</b>	471	42%	0.87	411	37%
<b>US</b>	17,105	40%	0.59	14,678	34%
<b>Best State*</b>		15%	0.20		13%

\*State with Lowest Alcohol-Related Fatality Rate.



## Traffic Safety Facts, Arizona , 2003

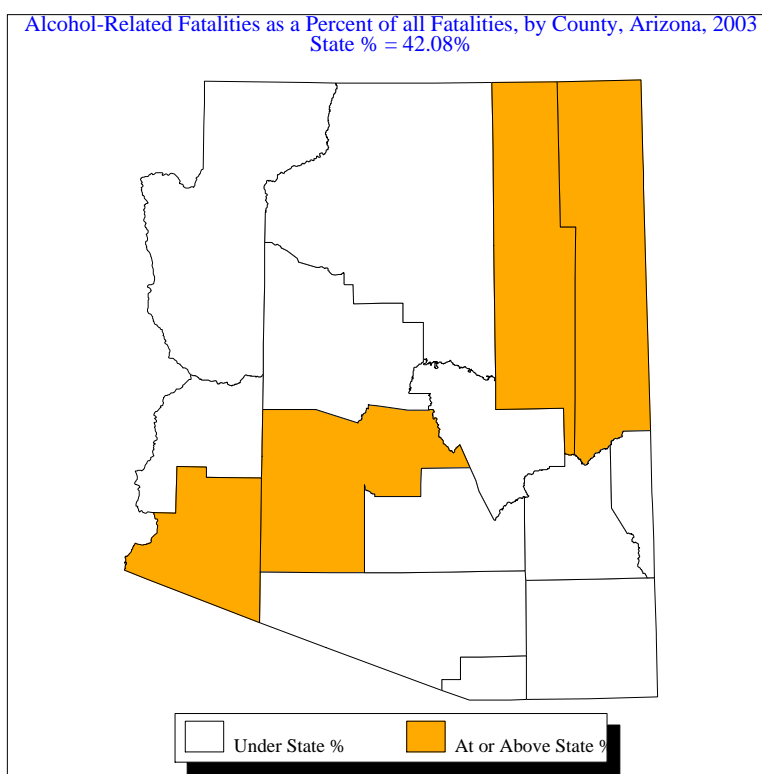
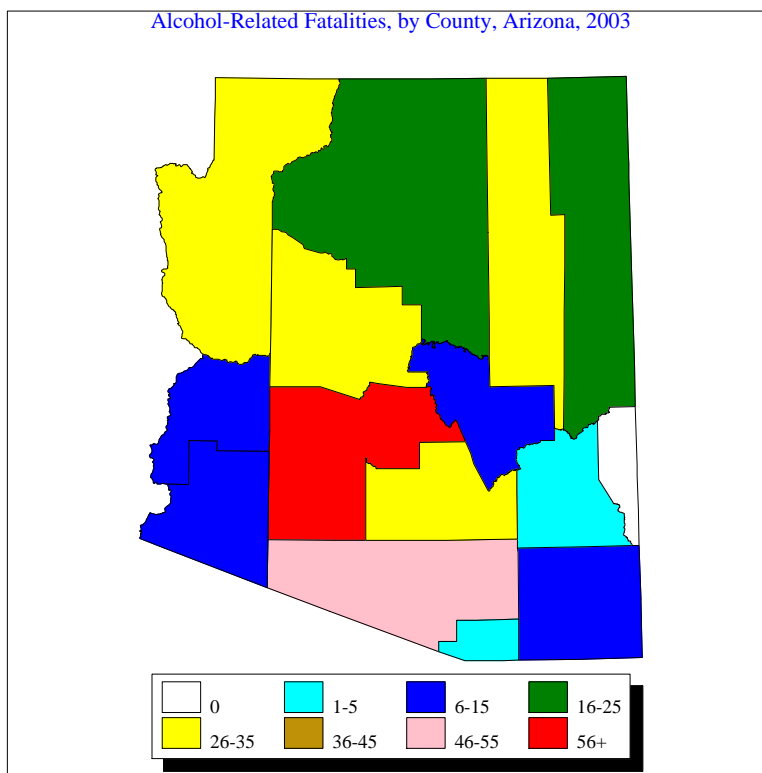
### Trend Charts of Total and Alcohol-Related Fatality Rates per 100 Million VMT





## Traffic Safety Facts, Arizona, 2003

### State-County Maps of Alcohol-Related Fatalities



**Traffic Safety Facts, Arizona , 2003****Top 10 Counties for Fatalities/Fatality Rates****Rank by Number of Fatalities**

Rank	County	Fatalities	Rate per 100,000 Population
1	Maricopa	456	13.46
2	Pima County	119	13.36
3	Mohave	73	42.41
4	Yavapai	73	39.57
5	Pinal County	72	35.25
6	Coconino	55	45.42
7	Navajo	55	52.73
8	Cochise	52	42.73
9	Apache	48	70.10
10	La Paz	42	213.35

**Rank by Rate of Fatalities**

Median Rate for all U.S. Counties : 23.72

Rank	County	Fatalities	Rate per 100,000 Population
1	La Paz	42	213.35
2	Apache	48	70.10
3	Navajo	55	52.73
4	Graham	17	51.51
5	Coconino	55	45.42
6	Cochise	52	42.73
7	Mohave	73	42.41
8	Yavapai	73	39.57
9	Gila County	20	38.96
10	Pinal County	72	35.25

**Top 10 Counties for Alcohol-Related Fatalities/Fatality Rates****Rank by Number of Alcohol-Related Fatalities**

Rank	County	Fatalities	Rate per 100,000 Population
1	Maricopa	213	6.29
2	Pima County	48	5.39
3	Mohave	30	17.43
4	Navajo	29	27.80
5	Pinal County	28	13.71
6	Yavapai	26	14.09
7	Apache	24	35.05
8	Coconino	18	14.86
9	Cochise	15	12.32
10	Yuma	13	7.62

**Rank by Rate of Alcohol-Related Fatalities**

Median Rate for all U.S. Counties : 7.745

Rank	County	Fatalities	Rate per 100,000 Population
1	La Paz	10	50.80
2	Apache	24	35.05
3	Navajo	29	27.80
4	Mohave	30	17.43
5	Graham	5	15.15
6	Coconino	18	14.86
7	Yavapai	26	14.09
8	Pinal County	28	13.71
9	Gila County	7	13.64
10	Cochise	15	12.32



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## Traffic Safety Facts, Arizona , 2003

### Top 10 Counties for Motorcyclist Fatalities/Fatality Rates

#### Rank by Number of Motorcyclist Fatalities

Rank	County	Fatalities	Rate per 100,000 Population
1	Maricopa	61	1.80
2	Yavapai	10	5.42
3	Pima County	9	1.01
4	Coconino	7	5.78
5	Mohave	7	4.07
6	Pinal County	6	2.94
7	Gila County	3	5.84
8	Graham	2	6.06
9	Cochise	1	0.82
10	Greenlee	1	13.24

#### Rank by Rate of Motorcyclist Fatalities Median Rate for all U.S. Counties : 2.59

Rank	County	Fatalities	Rate per 100,000 Population
1	Greenlee	1	13.24
2	Graham	2	6.06
3	Gila County	3	5.84
4	Coconino	7	5.78
5	Yavapai	10	5.42
6	La Paz	1	5.08
7	Mohave	7	4.07
8	Pinal County	6	2.94
9	Maricopa	61	1.80
10	Pima County	9	1.01

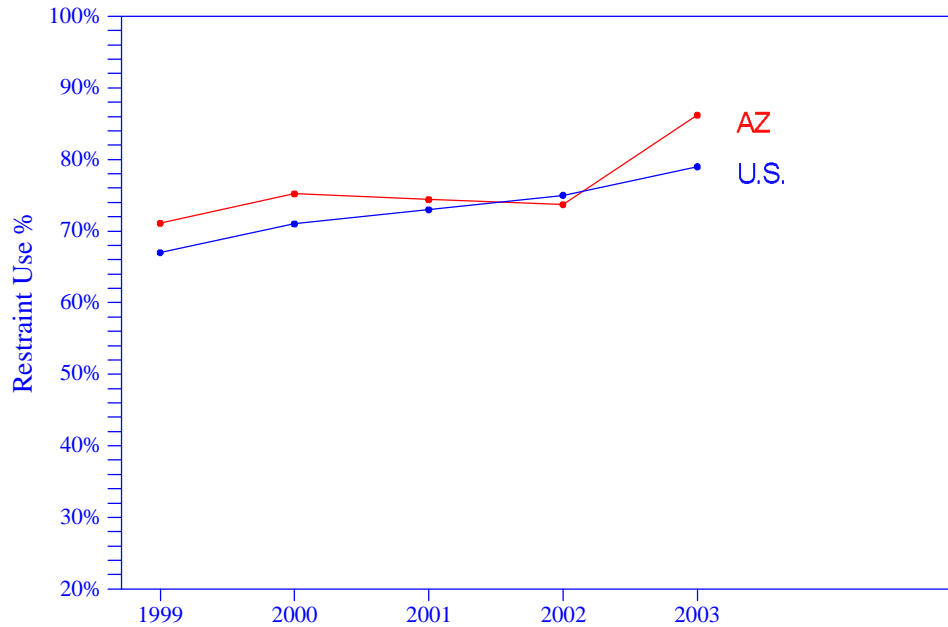




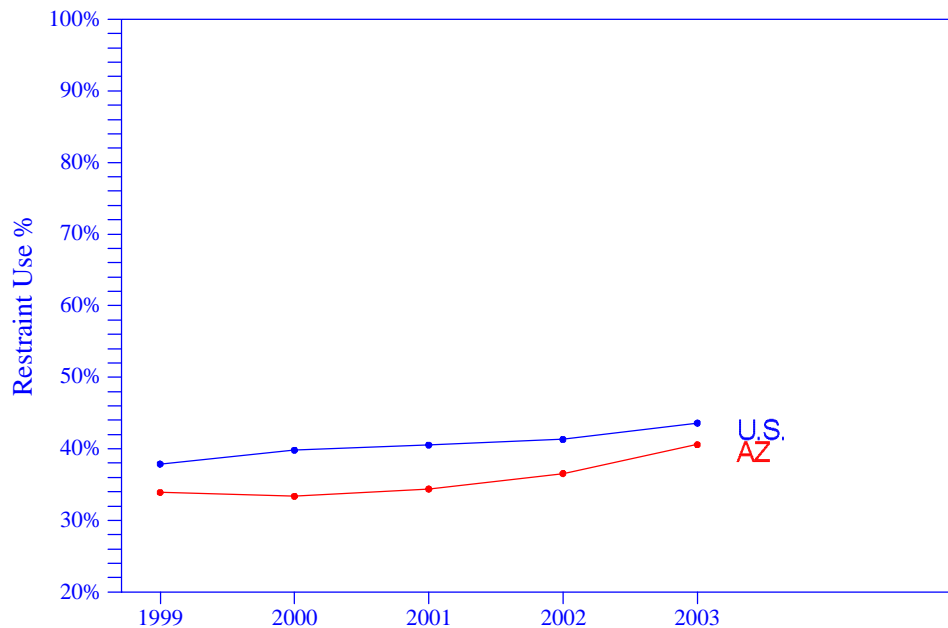
## Traffic Safety Facts, Arizona , 2003

### Trends of Restraint Use: Observed and Among Fatally Injured Passenger Vehicle Occupants

Observed Restraint Use Percent: Arizona and U.S.



Percent Restraint Use Among Fatally Injured Passenger Vehicle Occupants: Arizona and U.S.



**Traffic Safety Facts, Arizona , 2003****Percent Belt-Use Rates Observed Overall and Among Fatally Injured Passenger Vehicle Occupants****Belt Use Rates: Arizona , U.S. and Best State, 2003**

	2003	
	<b>*Observed Restraint Use %</b>	<b>Passenger Vehicle Occupant Fatality Restraint Use %</b>
<b>Arizona</b>	86%	41%
<b>USA</b>	79%	44%
<b>Best State</b>	95%	64%

\*NCSA National Occupant Protection Use Survey (NOPUS), Arizona (State Survey)

**Passenger Vehicle Occupant Deaths (age 5+)**

<b>Restraint Use (Safety Belts &amp; Child Seats)</b>	<b>Total</b>	<b>Restrained</b>	<b>Unrestrained</b>	<b>Unknown</b>	<b>Current Lives Saved</b>	<b>Additional Savable at 100%</b>
<b>Arizona</b>	784	275	407	102	368	115

**Passenger Vehicle Occupant Deaths (age <5)**

<b>Child Restraints (Includes Child Seats and Belts)</b>	<b>Total</b>	<b>Restrained</b>	<b>Unrestrained</b>	<b>Unknown</b>	<b>Current Lives Saved</b>	<b>Additional Savable at 100%</b>
<b>Arizona</b>	14	8	5	1	2	4

**Motorcycle Rider Deaths**

	<b>Total</b>	<b>Helmeted</b>	<b>Unhelmeted</b>	<b>Unknown</b>	<b>Current Lives Saved</b>	<b>Additional Savable at 100%</b>
<b>Arizona</b>	109	30	67	12	20	28

**Traffic Safety Facts, Arizona , 2003****Speeding-Related Fatalities and Other Statistics of Interest****Speeding Related, 2003**

<b>2003</b>	<b>Number of Fatalities in Crashes Involving Speeding</b>	<b>Percent of Fatalities That Are Speeding Related</b>
<b>Arizona</b>	432	39%
<b>US</b>	13,499	31%
<b>Best State*</b>		11%

\*Best Rate: Lowest Rate Attained Across All States

**Other Statistics of Interest**

	<b>Fatalities in Arizona</b>	<b>Percent of Total Fatalities in Arizona</b>	<b>Fatalities in US</b>	<b>Percent of Total Fatalities in US</b>
<b>Intersection Fatalities</b>	190	17%	7,755	18%
<b>Pedestrian Fatalities</b>	121	11%	4,774	11%
<b>Pedalcyclists</b>	16	1%	629	1%
<b>Fatalities in Crashes Involving Large Trucks</b>	119	11%	5,036	12%
<b>*Roadway Departure Fatalities</b>	600	54%	25,576	60%
<b>Passenger Cars</b>	388	35%	19,725	46%
<b>Light Trucks and Vans</b>	412	37%	12,546	29%
<b>**Other/Unknown</b>	68	6%	1,356	3%
<b>Total Occupants</b>	868	78%	33,627	78%
<b>Motorcycle Riders</b>	109	10%	3,714	9%
<b>***Total Nonmotorists</b>	141	13%	5,543	13%
<b>Total Fatalities</b>	1,118		42,884	

\*Fatalities based on FHWA Definition

\*\*Includes Occupants of Large Trucks, Buses and Unknown Vehicle Types

\*\*\*Includes Pedestrians, Pedalcyclists and Other Non-Motorists



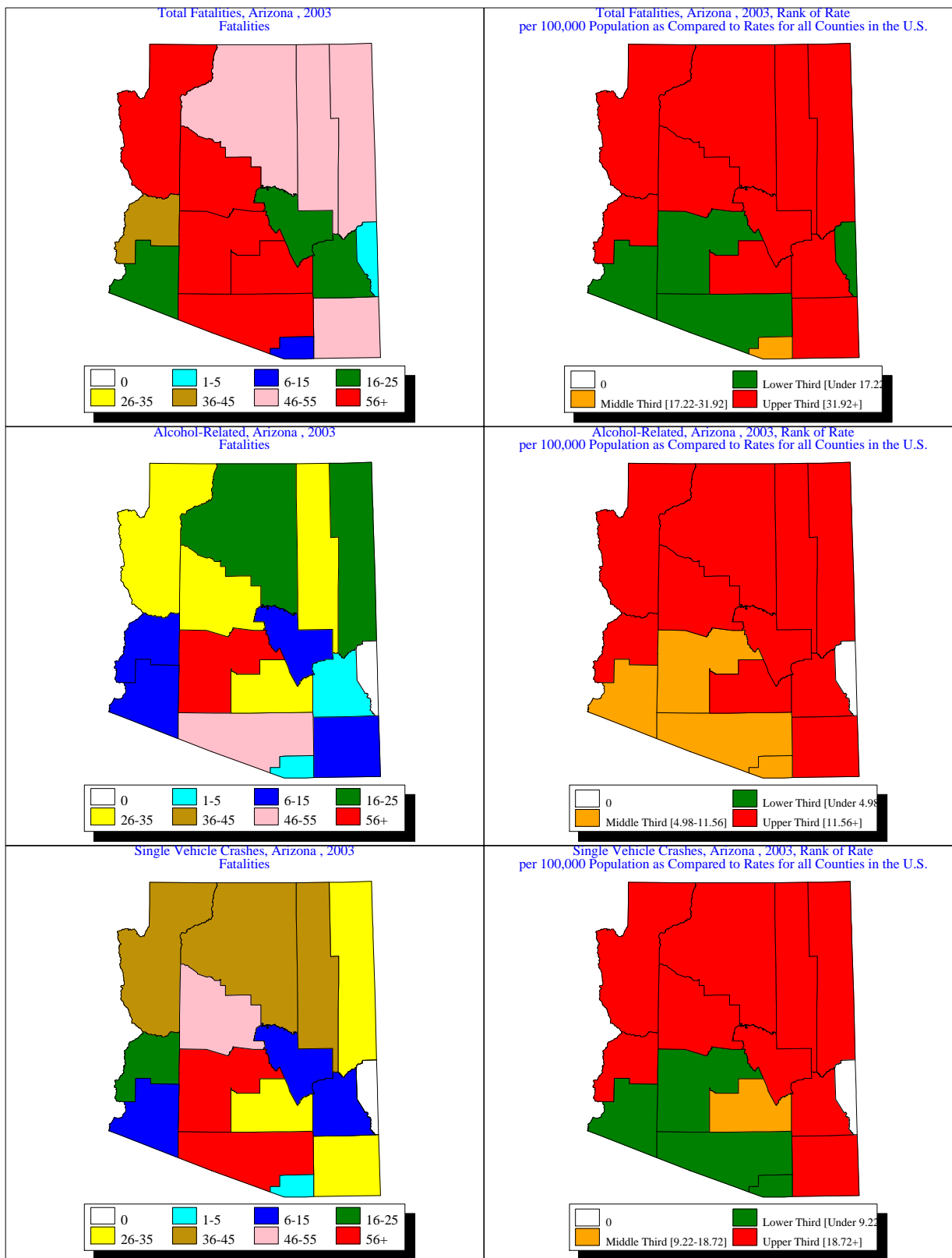
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## Traffic Safety Facts, Arizona , 2003

### Assorted State-County Maps





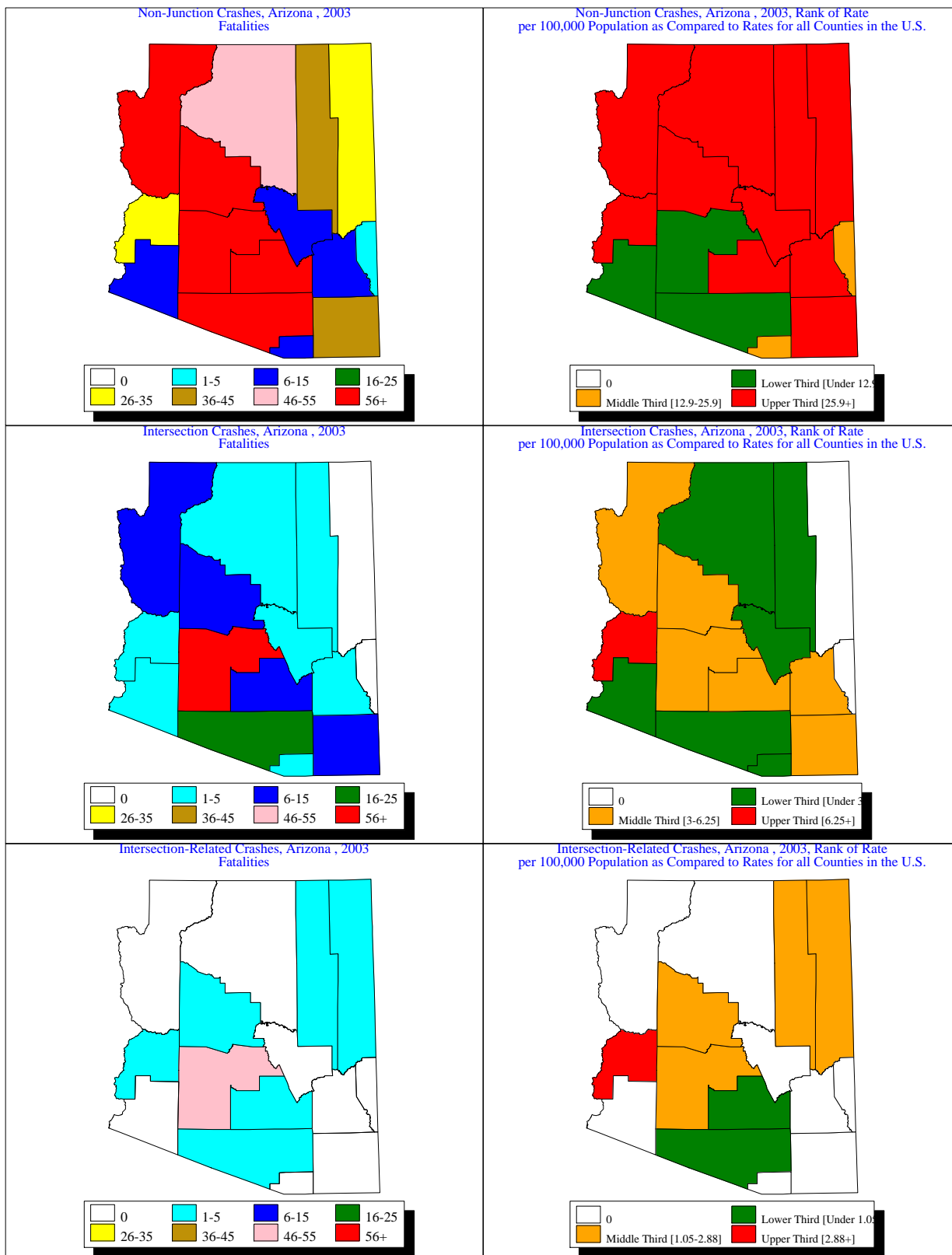
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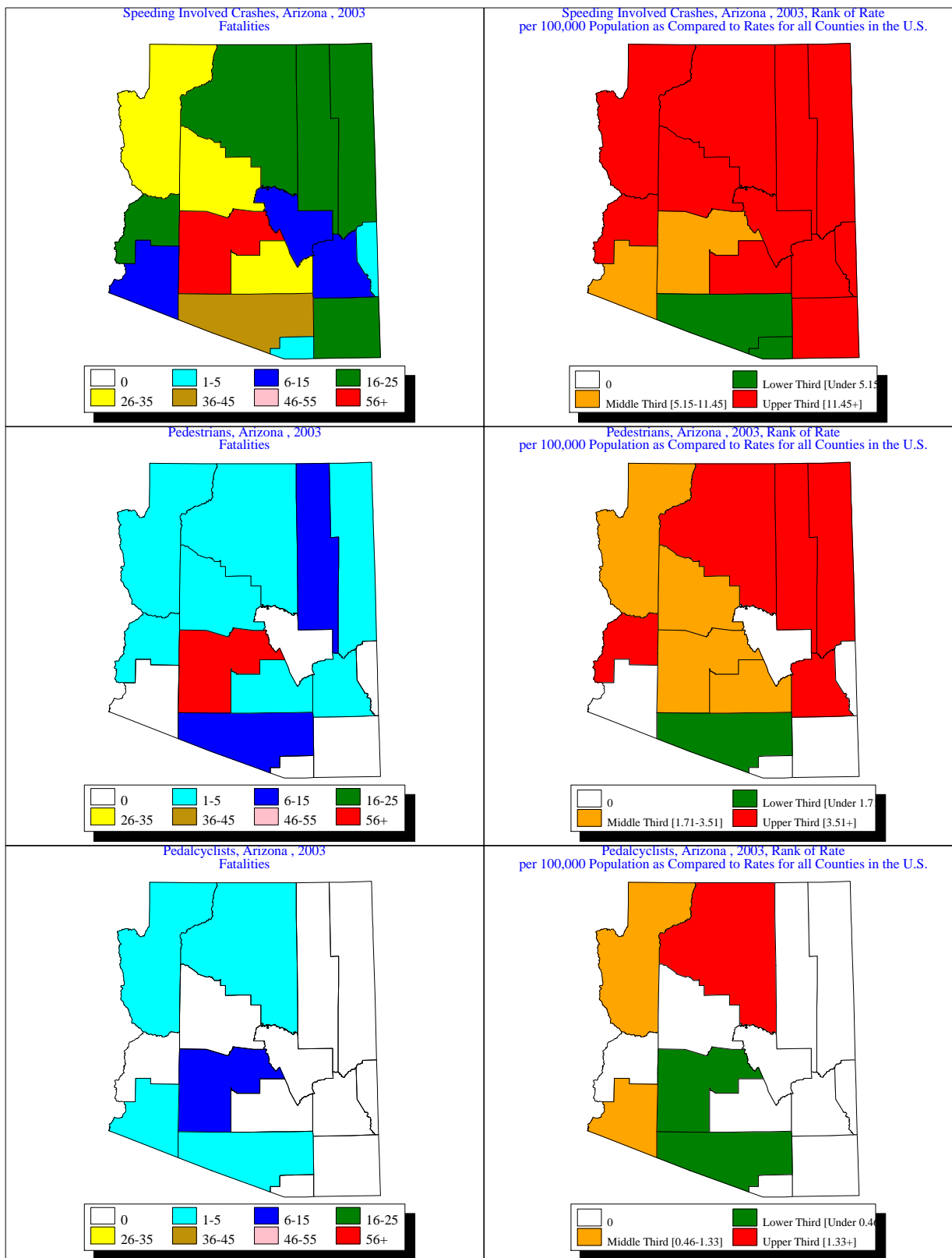
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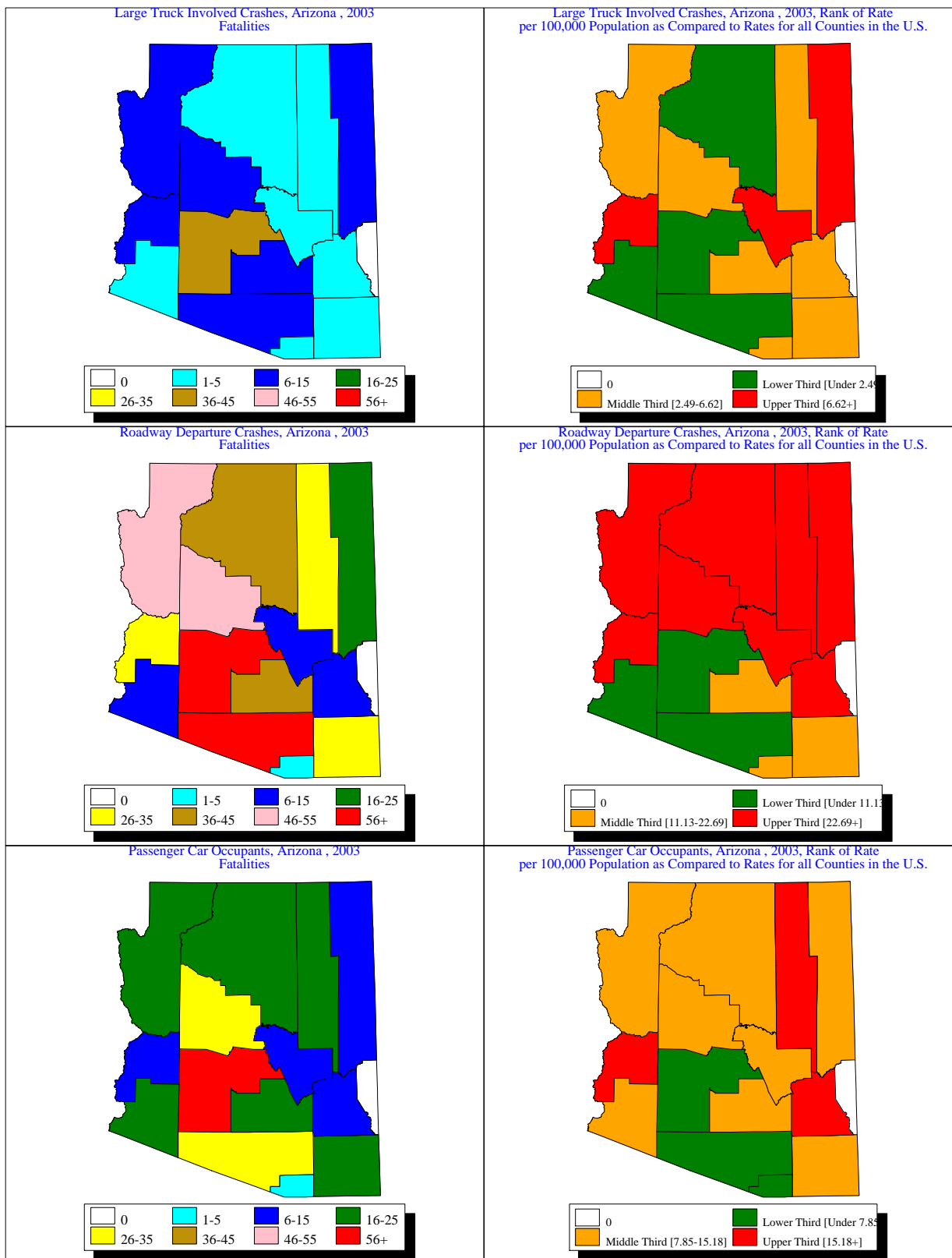
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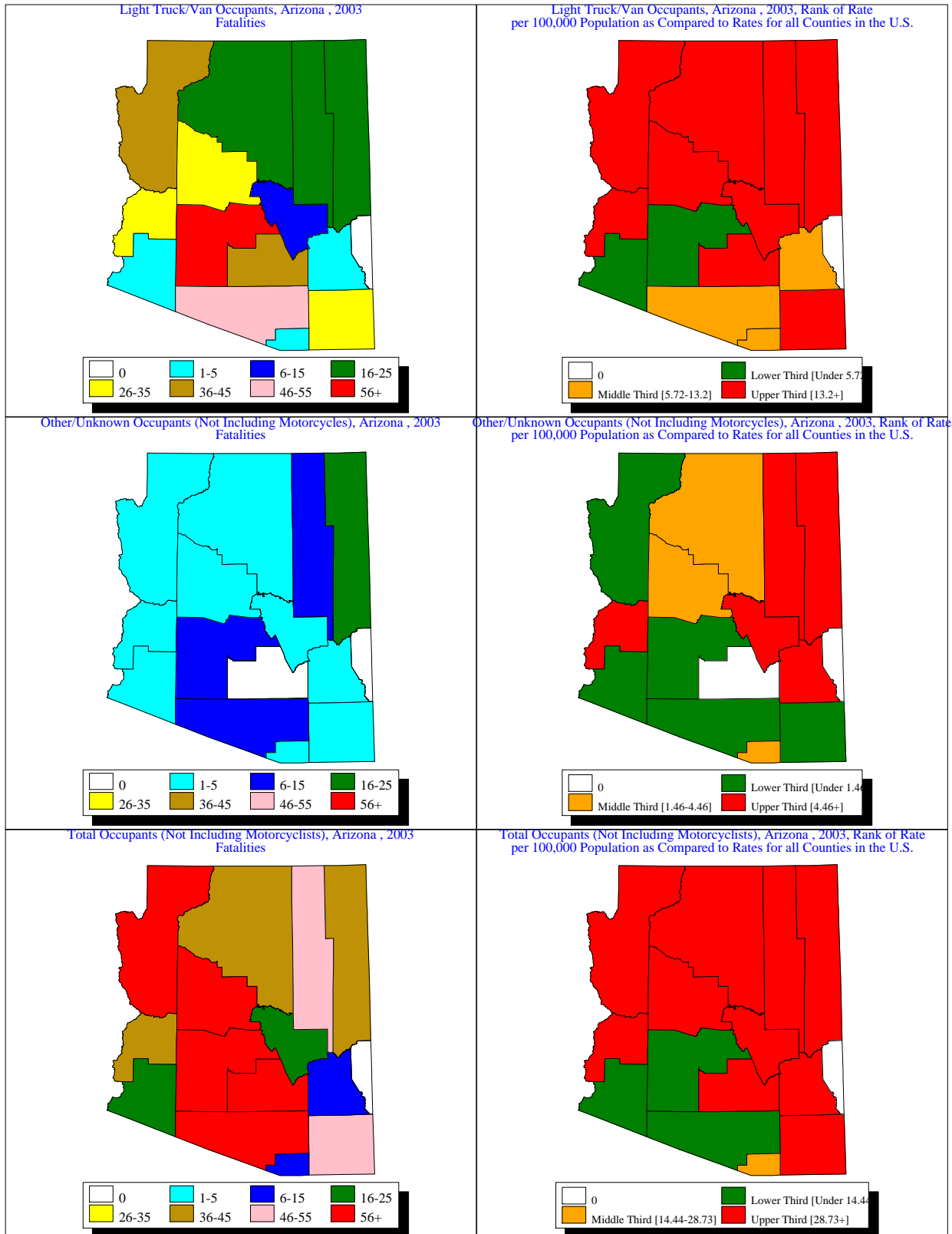
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